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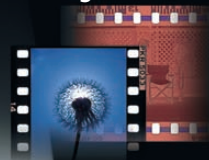
CanoScan FS 4000 US

35mm/ADVANCED PHOTO SYSTEM FILM SCANNER



**THE SHAPE OF
THE FUTURE OF SUPERIOR
QUALITY FILM SCANNING**

4,000dpi optical resolution & 42-bit scanning
for Windows® and Mac®OS



CANON'S EXTRAORDINARY NEW DESKTOP FILM SCANNER, THE ULTIMATE IN AFFORDABLE DIGITAL IMAGING.

Meet the new standard in desktop film scanning, the CanoScan FS4000US. It's a sleek, stylish unit that offers an ideal way to merge traditional film photography and digital imaging. Its outstanding features include class-leading 4,000dpi resolution and 42-bit scanning, to create digital images that are ultra-rich in color and detail, continuous batch scanning, and Canon-developed FARE technology for automatic removal of dust and scratches.

The CanoScan FS4000US has it all covered.



- 35mm filmstrips
- Advanced Photo System cartridges
- 35mm or Advanced Photo System mounted slides
- Windows/Mac OS compatibility
- USB 1.1 interface
- SCSI-2 interface



PROFESSIONAL QUALITY & PERFORMANCE

SUPERIOR QUALITY



Extremely fine 4,000dpi resolution

Given the small size of the film source, high resolution is absolutely essential to producing quality digital images. And when it comes to resolution, this particular CanoScan can't be beat—at 4,000dpi, the FS4000US is at the top of its class for optical resolution. The results are plain to see: extremely detailed digital images that retain their high quality whether enlarged on your monitor or printed out in large format.

More faithful color reproduction

Color reproduction is another area where the FS4000US stands apart. Its 42-bit scanning, and cold cathode mercury fluorescent lamp form a combination which ensures higher color accuracy than conventional film scanners. Specifically, the FS4000US accurately reproduces delicate gradations between colors, and preserves a high degree of detail from the bright highlight areas and dark shadows of your photographs.



Conventional 36-bit color



42-bit CanoScan color

Autofocus and manual focus

A newly developed optical system provides a convenient Autofocus feature for accurate scans. When your film is even slightly off of the optimum focal distance, Autofocus realigns the scanner's lens and CCD unit to get things just right. For added versatility, the FS4000US also offers manual focus control through the supplied driver software, FilmGet FS.

Color management support



Striking a satisfactory color balance between monitors and printers can sometimes be complicated. Whether you use the FS4000US for print or Web applications, however, its color management support helps ease the task. The scanner's software supports ColorGear when you're working in Windows, and ColorSync in Mac OS.



EASY OPERATION



Quick, efficient batch scanning

Not only is the FS4000US a versatile scanner that handles a variety of film types, but it's also a desktop workhorse. It can consecutively scan up to six frames of a 35mm filmstrip, 40 frames in an Advanced Photo System cartridge, or four mounted 35mm (or Advanced Photo System) slides. Film feeding is automatic, with fast average scanning time for every compatible film format. What's more, a special Preview window displays on-screen thumbnails of each shot in your batch scan.



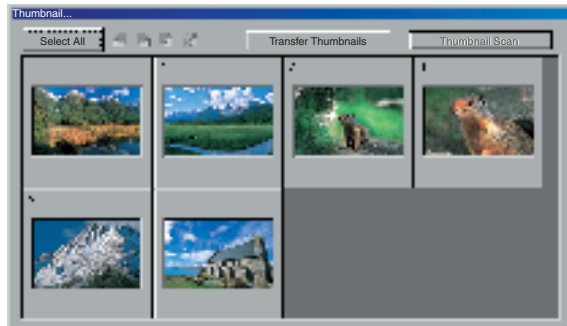
Slide Mount Holder



35mm Filmstrip Holder



IX240 Film Cartridge Holder



Choosing your target application

Scan settings will differ depending on what purpose you're scanning for, whether it's to create a photo quality printout, to send images by email, or simply to view images on your monitor. But with FilmGet FS, you only have to specify your target application beforehand, and the software will make all the appropriate settings for you.

Automatic film type detection

Another way the FS4000US lightens your prescan workload is by automatically detecting the type of film you have inserted into the scanner: 35mm filmstrip or mounted slide, negative or positive Advanced Photo System film.

Getting started is easy as well

The FS4000US supports both USB 1.1 and SCSI-2 interfaces, and Windows Plug and Play. It also includes the handy CanoScan Setup application, which makes it a snap to install FilmGet FS and other software into your computer.



Canon-developed FARE for dust and scratch removal



Canon has developed a new technology to automatically remove dust, scratches, and other imperfections on film during scanning.

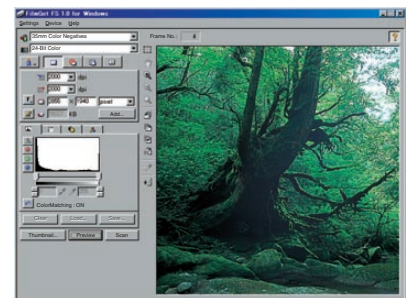
FARE (Film Automatic Retouching and Enhancement) improves image quality by using an infrared-illuminated scan to detect flaws on the film surface, and then using unique software that samples ambient color information to restore images. Dust on film may not be visible to the eye prior to scanning, but it often becomes all too apparent when the digital image is enlarged on your monitor. FARE's ability to automatically remove surface imperfections on color positives and negatives can save hours of laborious image retouching when you are scanning multiple pictures in one session.

FARE technology does not support Kodachrome film and monochrome film.



Advanced image adjustment controls

FilmGet FS, the scanner's driver software, provides you with the full range of flexible image adjustment tools. Independent adjustments can be made to brightness and contrast, histogram, tone curves, color balance, and threshold value. Taken together, these tools give you a high degree of control when you wish to fine-tune your images. The Windows version of FilmGet FS supports TWAIN-compatible software (so you can access the scanner directly from that software); the Macintosh version comes as a plug-in module.



Photoshop Limited Edition included

The FS4000US software package is rounded out with the inclusion of Photoshop LE, a streamlined version of the world's most popular image editing program. With Photoshop LE, you can compose new images, experiment with an assortment of visual effects, alter coloration, add text, and more.

CanoScan FS 4000 US



■ Specifications

These specifications are subject to change without notice.

Type	Desktop Film Scanner
Optical resolution (maximum)	4,000dpi
Film type	35mm Color (Positives/Negatives), Monochrome (Positives/Negatives) • Mounted slide film * • Filmstrip ** Advanced Photo System (IX240) Color (Positives/Negatives), Monochrome (Negatives) • Mounted slide film • Cartridge ***
Scanning pixels	35mm 3,780 X 5,669 pixels Advanced Photo System (IX240) 2,457 X 4,315 pixels
Scanning area	35mm 24.0 x 36.0 mm Advanced Photo System (IX240) 15.6 x 27.4 mm
Light source	Cold cathode mercury fluorescent lamp
Scanning element	Charged-Coupled Device 3-line color image sensor
Scanning gradation	14-bit scanning for each color (RGB)/16-bit****, 8-bit output
Focus mode	Auto/Manual (selectable)
Scanning speed (Positives, at 500dpi/1000dpi/200dpi/4000dpi)*****	35mm 6/12/24/48 seconds Advanced Photo System (IX240) 4/9/18/36 seconds
Interface	USB1.1/SCSI-2
Interface connectors	USB connector x 1slot/SCSI half-pitch 50-pin connectors x 2 slots (Use interface switch on bottom panel.)
Power supply	100-240 Volts AC, 50/60Hz (switches automatically)
Power consumption (maximum)	Operating : 35W, Stand by : 13W
Dimension (W x H x D)	92 x 144 x 368 mm (3.6 x 5.7 x 14.5 inches)
Net weight	2,400g (5.3lb.)

* With Slide Mount Holder bundled.

** With 35mm Filmstrip Holder bundled.

*** With IX240 Film Cartridge Holder bundled.

**** 16-bit output will be available in case of connecting with its supported software, such as Adobe Photoshop LE to be bundled.

***** Scanning time only; data transfer and image showing times are not included. Scanning speed depends on the film.

■ System Requirements

CD-ROM drive is required for software installation

Windows

98/98SE/2000 Professional/Me	Minimum	64MB RAM/500MB Free HD space/Pentium processor/16-bit color monitor
	Recommended	128MB RAM/1GB Free HD space/Pentium processor/24-bit or higher color monitor

Macintosh

Mac OS 8.6/9	Minimum	64MB RAM/500MB Free HD space/PowerPC processor/Thousands color monitor
	Recommended	128MB RAM/1GB Free HD space/PowerPC processor/Millions color monitor

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■ Package Contents

- Scanner Main Unit
- Power Cord (2m)
- USB Cable (1.8m)
- Slide Mount Holder
- 35mm Filmstrip Holder
- IX240 Film Cartridge Holder (for Advanced Photo System Film)
- Dual format CD-ROM (FilmGet FS*, Adobe Photoshop LE*, ArcSoft Photo Base*, PhotoRecord,** ImageBrowser***)

*for Windows & Macintosh / ** for Windows / *** for Macintosh

- Instruction Manuals



Slide Mount Holder



35mm Filmstrip Holder



IX240 Film Cartridge Holder